

Eric L Greer

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

7,777
citations

331670

21
h-index

434195

31
g-index

39
all docs

39
docs citations

39
times ranked

11470
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone methylation: a dynamic mark in health, disease and inheritance. <i>Nature Reviews Genetics</i> , 2012, 13, 343-357.	16.3	1,728
2	FOXO transcription factors at the interface between longevity and tumor suppression. <i>Oncogene</i> , 2005, 24, 7410-7425.	5.9	1,135
3	An AMPK-FOXO Pathway Mediates Longevity Induced by a Novel Method of Dietary Restriction in <i>C. elegans</i> . <i>Current Biology</i> , 2007, 17, 1646-1656.	3.9	701
4	The Energy Sensor AMP-activated Protein Kinase Directly Regulates the Mammalian FOXO3 Transcription Factor. <i>Journal of Biological Chemistry</i> , 2007, 282, 30107-30119.	3.4	691
5	DNA Methylation on N6-Adenine in <i>C. elegans</i> . <i>Cell</i> , 2015, 161, 868-878.	28.9	602
6	Transgenerational epigenetic inheritance of longevity in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 2011, 479, 365-371.	27.8	562
7	Different dietary restriction regimens extend lifespan by both independent and overlapping genetic pathways in <i>C. elegans</i> . <i>Aging Cell</i> , 2009, 8, 113-127.	6.7	518
8	Members of the H3K4 trimethylation complex regulate lifespan in a germline-dependent manner in <i>C. elegans</i> . <i>Nature</i> , 2010, 466, 383-387.	27.8	468
9	DNA N6-methyladenine: a new epigenetic mark in eukaryotes?. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 705-710.	37.0	228
10	Identification of the m6Am Methyltransferase PCIF1 Reveals the Location and Functions of m6Am in the Transcriptome. <i>Molecular Cell</i> , 2019, 75, 631-643.e8.	9.7	183
11	A Histone Methylation Network Regulates Transgenerational Epigenetic Memory in <i>C. elegans</i> . <i>Cell Reports</i> , 2014, 7, 113-126.	6.4	146
12	Sources of artifact in measurements of 6mA and 4mC abundance in eukaryotic genomic DNA. <i>BMC Genomics</i> , 2019, 20, 445.	2.8	120
13	AMP-activated Protein Kinase and FoxO Transcription Factors in Dietary Restriction-induced Longevity. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 688-692.	3.8	112
14	N6-Methyladenine: A Conserved and Dynamic DNA Mark. <i>Advances in Experimental Medicine and Biology</i> , 2016, 945, 213-246.	1.6	107
15	Signaling networks in aging. <i>Journal of Cell Science</i> , 2008, 121, 407-412.	2.0	88
16	Transgenerational epigenetic inheritance: from phenomena to molecular mechanisms. <i>Current Opinion in Neurobiology</i> , 2019, 59, 189-206.	4.2	57
17	Mutation of <i>C. elegans</i> demethylase <i>spr-5</i> extends transgenerational longevity. <i>Cell Research</i> , 2016, 26, 229-238.	12.0	49
18	Means, mechanisms and consequences of adenine methylation in DNA. <i>Nature Reviews Genetics</i> , 2022, 23, 411-428.	16.3	45

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19	N6-adenosine methylation of ribosomal RNA affects lipid oxidation and stress resistance. <i>Science Advances</i> , 2020, 6, eaaz4370.	10.3	41
20	Multigenerational epigenetic inheritance: Transmitting information across generations. <i>Seminars in Cell and Developmental Biology</i> , 2022, 127, 121-132.	5.0	32
21	An Epigenetic Clock Measures Accelerated Aging in Treated HIV Infection. <i>Molecular Cell</i> , 2016, 62, 153-155.	9.7	30
22	Methylation of viral mRNA cap structures by PCIF1 attenuates the antiviral activity of interferon- β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
23	Detection of DNA Methylation in Genomic DNA by UHPLC-MS/MS. <i>Methods in Molecular Biology</i> , 2021, 2198, 79-90.	0.9	20
24	The demethylase NMAD-1 regulates DNA replication and repair in the <i>Caenorhabditis elegans</i> germline. <i>PLoS Genetics</i> , 2019, 15, e1008252.	3.5	18
25	Put the Pedal to the METTL1: Adding Internal m7G Increases mRNA Translation Efficiency and Augments miRNA Processing. <i>Molecular Cell</i> , 2019, 74, 1105-1107.	9.7	17
26	Adenine DNA methylation, 3D genome organization, and gene expression in the parasite <i>Trichomonas vaginalis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13033-13043.	7.1	15
27	Role of epigenetics in unicellular to multicellular transition in <i>Dictyostelium</i> . <i>Genome Biology</i> , 2021, 22, 134.	8.8	12
28	Coping with darkness: The adaptive response of marine picocyanobacteria to repeated light energy deprivation. <i>Limnology and Oceanography</i> , 2021, 66, 3300-3312.	3.1	9
29	The adenine methylation debate. <i>Science</i> , 2022, 375, 494-495.	12.6	7
30	Identification and Characterization of an Erythrocyte Endosomal Ferrireductase Critical for Transferrin Dependent Iron Uptake.. <i>Blood</i> , 2005, 106, 514-514.	1.4	1
31	The fragile X mental retardation protein FMRP plays a role in the DNA damage response. <i>FASEB Journal</i> , 2012, 26, 88.1.	0.5	1
32	What's the Mtrr with Your Grandparents?. <i>Cell Metabolism</i> , 2013, 18, 457-459.	16.2	0